

Scout Report sent out
 Noted in the NID File
 Location map pinned
 Approval or Disapproval Letter
 Date Completed, P. & A. or
 operations suspended
 Pin changed on location map
 Affidavit and Record of A & P
 Water Shut-Off Test
 Gas-Oil Ratio Test
 Well Log Filed

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FILE NOTATIONS

Entered in NID File
 Entered On S R Sheet
 Location Map Pinned
 Card Indexed
 IWR for State or Fee Land

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Checked by Chief
 Copy NID to Field Office
 Approval Letter
 Disapproval Letter

☒
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☐

COMPLETION DATA:

Date Well Completed 7-15-58
 OW _____ WW _____ TA _____
 GW _____ OS _____ PA X

Location Inspected
 Bond released
 State of Fee Land

12/18/58

LOGS FILED

Driller's Log 12-3-58

Electric Logs (No. 1) 2

E _____ I _____ E-I _____ GR _____ GR-N ✓ Micro _____
 Lat _____ Mi-L ✓ Sonic _____ Others _____

Sub Report

| | | | |
|--|--|--|---|
| | | | |
| | | | |
| | | | |
| | | | X |

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office BLM SLC
Lease No. U-09466-A
Unit _____

SUNDRY NOTICES AND REPORTS ON WELLS

| | | |
|--|---|--|
| NOTICE OF INTENTION TO DRILL | X | SUBSEQUENT REPORT OF WATER SHUT-OFF |
| NOTICE OF INTENTION TO CHANGE PLANS | | SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING |
| NOTICE OF INTENTION TO TEST WATER SHUT-OFF | | SUBSEQUENT REPORT OF ALTERING CASING |
| NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL | | SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR |
| NOTICE OF INTENTION TO SHOOT OR ACIDIZE | | SUBSEQUENT REPORT OF ABANDONMENT |
| NOTICE OF INTENTION TO PULL OR ALTER CASING | | SUPPLEMENTARY WELL HISTORY |
| NOTICE OF INTENTION TO ABANDON WELL | | |

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Hatt No. 1 _____ April 22 _____, 1958

Well No. 1 is located 660 ft. from N line and 660 ft. from E line of sec. 19

SE SE of Sec. 19 23-S 14-E SLM
($\frac{1}{4}$ Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Wildcat Emery County Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 4380 ft. estimated ground

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

We propose to drill a well with rotary at the above location to an approximate depth of 6,950 feet or approximately 200 feet into the Mississippian. We expect to set approximately 500 feet of 10 3/4" OD surface casing and circulate cement from bottom. In the event of commercial oil or gas is encountered, 5 1/2" OD casing will be set through the productive section and adequately cemented to confine all oil, gas or water bearing strata and the casing perforated opposit the production section.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Monsanto Chemical Company
Lion Oil Company Division
Address _____

1310 Denver Club Bldg.
Denver 2, Colorado

By J.E. Bucy J.E. Bucy
Title Regional Prod. Supt.

LION OIL COMPANY

A DIVISION OF MONSANTO CHEMICAL COMPANY



PRODUCTION AND EXPLORATION
ROCKY MOUNTAIN REGION
SALT LAKE CITY DISTRICT

REPLY TO:
1130 FIRST SECURITY BLDG.
SALT LAKE CITY 11, UTAH

April 23, 1958

Oil and Gas Conservation Commission
State of Utah
State Capitol Building
Salt Lake City, Utah

Re: Notice of Intention to Drill
Utah Serial 09466-A
Hatt #1

Gentlemen:

Enclosed herewith please find two copies of our "Notice of Intention to Drill". This form has been submitted to the U. S. Geological Survey. It is our intention to drill a well upon a Federal lease being Utah Serial 09466-A.

Said form is being submitted in compliance with rule C-4(a).

We respectfully request that we be notified in writing of your acceptance of this Notice.

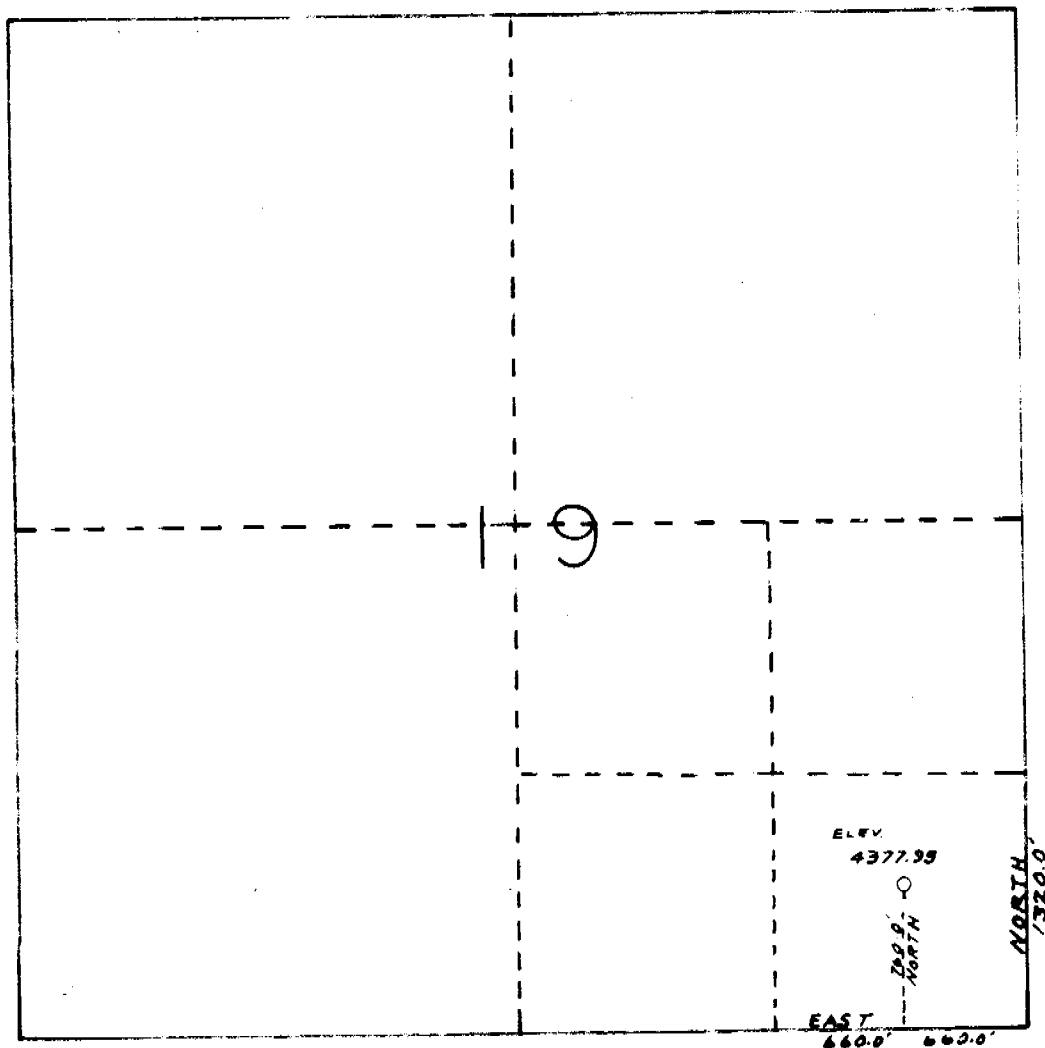
Yours very truly,

LION OIL COMPANY

V. M. Basil
District Landman

VMB/hf

cc: J. E. Bucy
Regional Production Superintendent
Denver, Colo.



MONSANTO CHEMICAL CO.

LION OIL CO.

LOCATION HATT No 1

PLAT OF SURVEY & ELEV

S.E 1/4 OF S.E. 1/4 SEC. 19 T23S R14E S.L.M.

EMERY CO UTAH

DATE MAY 3, 1958

SCALE 1" = 1000'

SIGNED *James H. Gilkinson*
Utah Reg. Land Surveyor

April 24, 1958

Lion Oil Company
1130 First Security Building
Salt Lake City, Utah

Attention: V. M. Basil, District Landsman

Gentlemen:

This is to acknowledge receipt of your notice of intention to drill Well No. Hatt 1, which is to be located 660 feet from the south line and 660 feet from the east line of Section 19, Township 23 South, Range 14 East, S1EM, Emery County, Utah.

Please be advised that insofar as this office is concerned, approval to drill said well is hereby granted.

However, said approval is conditional upon a plat being submitted in accordance with Rule C-4, General Rules and Regulations and Rules of Practice and Procedure, Oil and Gas Conservation Commission, State of Utah.

This approval terminates within 90 days if the above mentioned well is not spudded in within said period.

Yours very truly,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FEIGHT
SECRETARY

CBF:en

cc: Don Russell, Dist. Eng.
USGS, Federal Building
Salt Lake City, Utah

J. E. Buoy, Reg. Prod. Supt.
Lion Oil Company Division
1310 Denver Club Building
Denver 2, Colorado

LION OIL COMPANY

A DIVISION OF MONSANTO CHEMICAL COMPANY



PRODUCTION AND EXPLORATION
ROCKY MOUNTAIN REGION
SALT LAKE CITY DISTRICT

REPLY TO:
1130 FIRST SECURITY BLDG.
SALT LAKE CITY 11, UTAH

April 25, 1958

Oil and Conservation Commission
State of Utah
State Capitol
Salt Lake City, Utah

Attention: Mr. Cleon B. Feight

Gentlemen:

This letter is in reply to your letter dated April 24, 1958, to V. M. Basil in connection with your request for a plat or map prepared by a licensed surveyor or engineer showing the proposed well location of the Hatt #1, which is to be located 660 feet from the south line and 660 feet from the east line of Section 19, Township 23 South, Range 14 East, S.L.B.M., Emery County, Utah.

This plat, which was to accompany our "Notice of Intention to Drill", will be forwarded to you in the very near future.

We are sorry it was not included with the Notice, but it was not available to us at the time we mailed the Notice to you.

Very truly yours,

LION OIL COMPANY

A. J. Atencio
Landman

AJA/hf

cc: Don Russell
J. E. Bucy

7-15
4-28

LION OIL COMPANY

A DIVISION OF MONSANTO CHEMICAL COMPANY



PRODUCTION & EXPLORATION
ROCKY MOUNTAIN REGION

1310 DENVER CLUB BLDG.
DENVER 2, COLORADO
PHONE ACOMA 2-5641

May 12, 1958

Oil & Gas Conservation Commission,
State Capitol Building,
Salt Lake City, Utah.

Attention: Mr. Cleon B. Feight

Gentlemen:

You have previously been furnished a Notice of Intention to Drill
in connection with our projected Hatt No. 1 in Emery County.

Enclosed you will find a copy of surveyor's plat of the location.

Very truly yours,

LION OIL COMPANY

J. E. Bucy
Regional Production Superintendent

JEB:JAL:mm
Encl.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Budget Bureau No. 42-R356.5.
Approval expires 12-31-60.

LAND OFFICE **BLM SLIC**
LEASE NUMBER **U-09466-A**
UNIT _____

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Emery Field Wildcat

The following is a correct report of operations and production (including drilling and producing wells) for the month of May, 19 58, Monsanto Chemical Company

Agent's address 1310 Denver Club Bldg., Company Lion Oil Company Division
Denver 2, Colorado Signed J. E. Bucy (J. E. Bucy)

Phone AC 2-5641 Agent's title Regional Production Supt.

| SEC. AND ¼ OF ¼ | TWP. | RANGE | WELL NO. | DAYS PRODUCED | BARRELS OF OIL | GRAVITY | CU. FT. OF GAS (In thousands) | GALLONS OF GASOLINE RECOVERED | BARRELS OF WATER (If none, so state) | REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas) |
|--------------------|------|-------|-------------|------------------|--|---------|----------------------------------|-------------------------------------|--|---|
| SE SE Sec. 19 | 23S | 14E | 1 | None | None | - | - | - | - | * See Below |
| | | | | | * Spudded @ 5:00 a.m. 5-18-58 | | | | | |
| | | | | | TD 593', ran 18 jts 10-3/4" OD surface casing. Set 571' @ 589' w/385 sacks. Plug down @ 3:30 p.m., 5-17-58. | | | | | |
| | | | | | Drilling @ 3,200 feet at 8:00 a.m., 6-1-58 | | | | | |

NOTE.—There were No runs or sales of oil; No M cu. ft. of gas sold;

No runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Budget Bureau No. 42-R356.5.
Approval expires 12-31-60.

LAND OFFICE **BIM SIC**
LEASE NUMBER **U-09466A**
UNIT _____

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Emery Field Wildcat

The following is a correct report of operations and production (including drilling and producing wells) for the month of June, 1958, Monsanto Chemical Company

Agent's address 1310 Denver Club Bldg., Company Lion Oil Company Division
Denver 2, Colorado. Signed Joe A. Larkin (Joe A. Larkin)

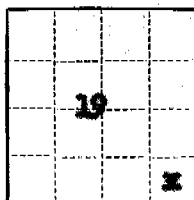
Phone AC 2-5641 Agent's title Regional Production Clerk

| SEC. AND ¼ OF ¼ | TWP. | RANGE | WELL NO. | DATE PRODUCED | BARRELS OF OIL | GRAVITY | CU. FT. OF GAS (In thousands) | GALLONS OF GASOLINE RECOVERED | BARRELS OF WATER (If none, so state) | REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas) |
|--------------------|------|-------|-------------|------------------|-------------------|---------|----------------------------------|-------------------------------------|--|---|
| SE SE Sec. 19 | 23S | 14E | 1 | None | None | - | - | - | - | * See Below |
| | | | | 6-1-58 | Drilling @ 3,200' | | | | | |
| | | | | 6-22-58 | Drilling @ 4,819' | | | | | |
| | | | | 7-1-58 | Drilling @ 5390' | | | | | |
| | | | | | | | | | | Reduced hole from 9" to 7-7/8" @ 4,753 |

NOTE.—There were No runs or sales of oil; No M cu. ft. of gas sold;

No runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office DDM BUC
Lease No. U-07100A
Unit _____

SUNDRY NOTICES AND REPORTS ON WELLS

| | | | |
|---|----------|---|--|
| NOTICE OF INTENTION TO DRILL..... | | SUBSEQUENT REPORT OF WATER SHUT-OFF..... | |
| NOTICE OF INTENTION TO CHANGE PLANS..... | | SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING..... | |
| NOTICE OF INTENTION TO TEST WATER SHUT-OFF..... | | SUBSEQUENT REPORT OF ALTERING CASING..... | |
| NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL..... | | SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR..... | |
| NOTICE OF INTENTION TO SHOOT OR ACIDIZE..... | | SUBSEQUENT REPORT OF ABANDONMENT..... | |
| NOTICE OF INTENTION TO PULL OR ALTER CASING..... | | SUPPLEMENTARY WELL HISTORY..... | |
| NOTICE OF INTENTION TO ABANDON WELL..... | <u>X</u> | | |

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Well No. 1August 5, 1958Well No. 1 is located 700 ft. from N line and 660 ft. from E line of sec. 1934 NE Sec. 19

(1/4 Sec. and Sec. No.)

23N

(Twp.)

11E

(Range)

S. L. M.

(Meridian)

Wildcat

(Field)

Every

(County or Subdivision)

Utah

(State or Territory)

The elevation of the derrick floor above sea level is 1378 ft. or.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

On July 11, 1958, at 6,060 feet total depth, having encountered no commercial shows, the U.S.G.S. District Engineer was contacted and his approval and instructions were received for plugging and abandonment.

The following are the intervals of proposed cement plugs:

5925-5828 30 sx; 3950-3836 25 sx; 2660-2610 20 sx;
2375-2313 25 sx; 620-561 25 sx or 50-50 above and below
surface casing shoe; top of surface 10 sx.

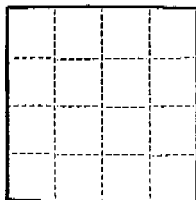
A permanent monument is to mark the well as prescribed by the U.S.G.S.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Lion Oil Company, Division, Monsanto Chemical CompanyAddress 1310 Denver Club BuildingDenver 2, ColoradoBy J. R. Lucy

(J. R. Lucy)

Title Regional Production Supt.



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office BIM SLC
Lease No. U-09466A
Unit _____

SUNDRY NOTICES AND REPORTS ON WELLS

| | | |
|---|---|-------------------------------------|
| NOTICE OF INTENTION TO DRILL..... | SUBSEQUENT REPORT OF WATER SHUT-OFF..... | <input checked="" type="checkbox"/> |
| NOTICE OF INTENTION TO CHANGE PLANS..... | SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING..... | |
| NOTICE OF INTENTION TO TEST WATER SHUT-OFF..... | SUBSEQUENT REPORT OF ALTERING CASING..... | |
| NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL..... | SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR..... | |
| NOTICE OF INTENTION TO SHOOT OR ACIDIZE..... | SUBSEQUENT REPORT OF ABANDONMENT..... | |
| NOTICE OF INTENTION TO PULL OR ALTER CASING..... | SUPPLEMENTARY WELL HISTORY..... | |
| NOTICE OF INTENTION TO ABANDON WELL..... | | |

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

H att No. 1

August 5, 1958

Well No. 1 is located 700 ft. from XX line and 660 ft. from E line of sec. 19

SE SE Sec. 19
($\frac{1}{4}$ Sec. and Sec. No.)

23S
(Twp.)

11E
(Range)

S. L. M.
(Meridian)

Wildcat
(Field)

Emery
(County or Subdivision)

Utah
(State or Territory)

The elevation of the derrick floor above sea level is 4378 ft. Or.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudlogging jobs, cementing points, and all other important proposed work)

On May 17, 1958, ran 18 joints or 571 feet of 10 3/4" OD 40.50# N-40 casing set at 589 feet. Cemented with 385 sacks. Cement circulated. After twelve hours waiting on cement, drilled the plug and penetrated into formation, closed rods and pressured-up to 800# for 30 minutes. There being no pressure drop, the water shut-off was considered effective.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Lion Oil Company Division, Monsanto Chemical Company

Address 1310 Denver Club Building

Denver 2, Colorado

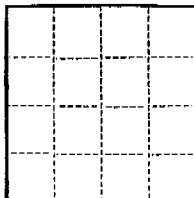
By J. E. Bucy (J. E. Bucy)

Title Regional Production Supt.

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office BIM SLC
Lease No. U-09466A
Unit _____



SUNDRY NOTICES AND REPORTS ON WELLS

| | | |
|--|--|-------------------------------------|
| NOTICE OF INTENTION TO DRILL | SUBSEQUENT REPORT OF WATER SHUT-OFF | |
| NOTICE OF INTENTION TO CHANGE PLANS | SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING | |
| NOTICE OF INTENTION TO TEST WATER SHUT-OFF | SUBSEQUENT REPORT OF ALTERING CASING | |
| NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL | SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR | |
| NOTICE OF INTENTION TO SHOOT OR ACIDIZE | SUBSEQUENT REPORT OF ABANDONMENT | <input checked="" type="checkbox"/> |
| NOTICE OF INTENTION TO PULL OR ALTER CASING | SUPPLEMENTARY WELL HISTORY | |
| NOTICE OF INTENTION TO ABANDON WELL | | |

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Well No. 1

August 5, 19 58

Well No. 1 is located 700 ft. from S line and 660 ft. from E line of sec. 19

34 SE Sec. 19
(1/4 Sec. and Sec. No.)

23N
(Twp.)

1E
(Range)

S. L. M.
(Meridian)

Willard
(Field)

Emery
(County or Subdivision)

Utah
(State or Territory)

The elevation of the derrick floor above sea level is 4378 ft. or.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

On July 15, 1958, at total depth 6,060 feet this well was plugged and abandoned with cement plugs placed in the following intervals:

30 ex 5828 - 5925
25 ex 3888 - 3950
20 ex 2610 - 2660
25 ex 2313 - 2375
25 ex 638 - 700
10 ex Top of Surface

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Lion Oil Company Division, Monsanto Chemical Company

Address 1310 Denver Club Building

Denver 2, Colorado

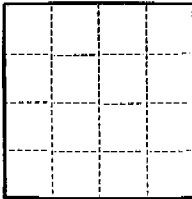
By J. E. Bucy (J. E. Bucy)

Title Regional Production Supt.

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office BIM SIC
Lease No. U-09466A
Unit 71-8-11-58



SUNDRY NOTICES AND REPORTS ON WELLS

| | | | |
|--|-------------------------------------|--|--|
| NOTICE OF INTENTION TO DRILL | | SUBSEQUENT REPORT OF WATER SHUT-OFF | |
| NOTICE OF INTENTION TO CHANGE PLANS | | SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING | |
| NOTICE OF INTENTION TO TEST WATER SHUT-OFF | | SUBSEQUENT REPORT OF ALTERING CASING | |
| NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL | | SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR | |
| NOTICE OF INTENTION TO SHOOT OR ACIDIZE | | SUBSEQUENT REPORT OF ABANDONMENT | |
| NOTICE OF INTENTION TO PULL OR ALTER CASING | | SUPPLEMENTARY WELL HISTORY | |
| NOTICE OF INTENTION TO ABANDON WELL | <input checked="" type="checkbox"/> | | |

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Well No. 1 August 5, 1958

Well No. 1 is located 700 ft. from XX line and 660 ft. from E line of sec. 19

SS SE Sec. 19 23S 11E S. 1. M.
($\frac{1}{4}$ Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Wilcox Moxy Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 4378 ft. Gr.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudlogging jobs, cementing points, and all other important proposed work)

On July 11, 1958, at 6,060 feet total depth, having encountered no commercial shows, the U.S.G.S. District Engineer was contacted and his approval and instructions were received for plugging and abandonment.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Lion Oil Company, Division, Monsanto Chemical Company

Address 1310 Denver Club Building

Denver 2, Colorado

By J. E. Macy (J. E. Macy)

Title Regional Production Supt.

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office BIM SLC
Lease No. U-09466A
Unit _____

CORRECTED REPORT

SUNDRY NOTICES AND REPORTS ON WELLS

21-18
8-25

| | | |
|--|--|-------------------------------------|
| NOTICE OF INTENTION TO DRILL | SUBSEQUENT REPORT OF WATER SHUT-OFF | |
| NOTICE OF INTENTION TO CHANGE PLANS | SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING | |
| NOTICE OF INTENTION TO TEST WATER SHUT-OFF | SUBSEQUENT REPORT OF ALTERING CASING | |
| NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL | SUBSEQUENT REPORT OF REDRILLING OR REPAIR | |
| NOTICE OF INTENTION TO SHOOT OR ACIDIZE | SUBSEQUENT REPORT OF ABANDONMENT | <input checked="" type="checkbox"/> |
| NOTICE OF INTENTION TO PULL OR ALTER CASING | SUPPLEMENTARY WELL HISTORY | |
| NOTICE OF INTENTION TO ABANDON WELL | | |

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

HATT NO. 1

August 19, 19 58

Well No. 1 is located 700 ft. from XN line and 660 ft. from E line of sec. 19

SE SE Sec. 19
(1/4 Sec. and Sec. No.)

238 14E
(Twp.) (Range)

S.L.M.
(Meridian)

Wildcat
(Field)

Emery
(County or Subdivision)

Utah
(State or Territory)

The elevation of the derrick floor above sea level is 4378 ft. Or.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

On July 15, 1958, at total depth 6,060 feet this well was plugged and abandoned with cement plugs placed in the following intervals:

30 xx 5828-5925
25 xx 3886-3950
20 xx 2610-2660
25 xx 2313-2375
25 xx 564-620
10 xx Top of Surface

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Monsanto Chemical Company
Lion Oil Company Division
Address 1310 Denver Club Building
Denver 2, Colorado

By J. E. Bucy (J. E. Bucy)

Title Regional Production Supt.

October 22, 1958

Monsanto Chemical Company
Lion Oil Company Division
1310 Denver Club Building
Denver 2, Colorado

Re: Well No. Federal - Hatt 1,
SE 19-23S-14E, SLBM,
Emery County, Utah

Gentlemen:

This letter is to advise you that the well log for the above mentioned well has not as yet been filed with this office as required by our rules and regulations.

Please complete the enclosed Forms OGCC-3, Log of Oil or Gas Well, in duplicate, and forward them to this office as soon as possible.

Yours very truly,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FEIGHT
SECRETARY

CBF:co

Encl.

U. S. LAND OFFICE **BIM SLC**SERIAL NUMBER **U-09466A**

LEASE OR PERMIT TO PROSPECT

STATE OF UTAH

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

OIL & GAS CONSERVATION COMMISSION

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company **Monsanto Chemical Company
Lion Oil Company Division**Address **1310 Denver Club Building
Denver 2, Colorado**Lessor or Tract **U.S. public domain lands** Field **Wilcox** State **Utah**Well No. **1** Sec. **19** T. **23S** R. **14E** Meridian **SIM** County **Emery**Location **760** ft. **N.** of **S** Line and **660** ft. **E.** of **Sec. 19** Line of **Sec. 19** Elevation **5780** ft.

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed

(J.E. Bucy)

Date **December 2, 1958**Title **Regional Prod. Supt.**

The summary on this page is for the condition of the well at above date.

Commenced drilling **May 14, 1958** Finished drilling **July 15, 1958**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from _____ to _____ No. 4, from _____ to _____

No. 2, from _____ to _____ No. 5, from _____ to _____

No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____ No. 3, from _____ to _____

No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

| Size casing | Weight per foot | Threads per inch | Make | Amount | Kind of shoe | Cut and pulled from | Perforated | | Purpose |
|----------------------------|-----------------|------------------|-------|--------|--------------|---------------------|------------|-----|---------|
| | | | | | | | From— | To— | |
| 10-3/4 | 40.5 | 8rd | Smls. | 570.71 | Float | None | — | — | |
| HISTORY OF OIL OR GAS WELL | | | | | | | | | |

MUDDING AND CEMENTING RECORD

| Size casing | Where set | Number sacks of cement | Method used | Mud gravity | Amount of mud used |
|-------------|-----------|-----------------------------------|-------------|-------------|--------------------|
| 10-3/4 | 589.31 | 385 sz. reg. Cement circulated | Pump & Plug | | |
| | | | | | |
| | | | | | |
| | | | | | |

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____

Adapters—Material _____ Size _____

SHOOTING RECORD

| Size | Shell used | Explosive used | Quantity | Date | Depth shot | Depth cleaned out |
|------|------------|----------------|----------|------|------------|-------------------|
| | | | | | | |
| | | | | | | |
| | | | | | | |

TOOLS USED

Rotary tools were used from Surface feet to 6,060 feet, and from _____ feet to _____ feet
 Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

P&A July 15, 1958 Put to producing _____, 19____

The production for the first 24 hours was _____ barrels of fluid of which _____% was oil; _____% emulsion; _____% water; and _____% sediment. Gravity, °Bé. _____

If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

Heasley & Crumpler, Driller P. O. Box 688, Driller
Drilling Corp., Driller South Houston, Texas., Driller

FORMATION RECORD

| FROM— | TO— | TOTAL FEET | FORMATION |
|---------|---------|------------|-------------------|
| Surface | 600 | 600 | Sandstone |
| 600 | 730 | 130 | Siltstone |
| 730 | 1018 | 288 | Sandstone |
| 1018 | 1246 | 228 | Top Kayenta |
| 1246 | 1610 | 364 | Top Wingate |
| 1610 | 1799 | 189 | Top Chinle |
| 1799 | 2353 | 554 | Top Moenkopi |
| 2353 | 2509 | 156 | Top Sinbad |
| 2509 | 2665 | 156 | Top Permian |
| 2665 | 3436 | 771 | Top Gadsden |
| 3436 | 4847 | 1411 | Top Hermosa |
| 4847 | 5469 | 622 | Top Paradox |
| 5469 | 5848 | 379 | Top Lower Hermosa |
| 5848 | 5898 | 50 | Top Molar |
| 5898 | 6062 TD | 164 | Top Mississippian |
| | | | G.R.-Neut. Tops |
| | | | 1018 (+3370) |
| | | | 1246 (+3142) |
| | | | 1610 (+2778) |
| | | | 1799 (+2589) |
| | | | 2353 (+2035) |
| | | | 2509 (+1879) |
| | | | 2665 (+1723) |
| | | | 3436 (+ 952) |
| | | | 4847 (- 459) |
| | | | 5469 (-1081) |
| | | | 5848 (-1460) |
| | | | 5898 (-1510) |
| FROM— | TO— | TOTAL FEET | FORMATION |

(OVER)

18-42024-3

FORMATION RECORD—Continued

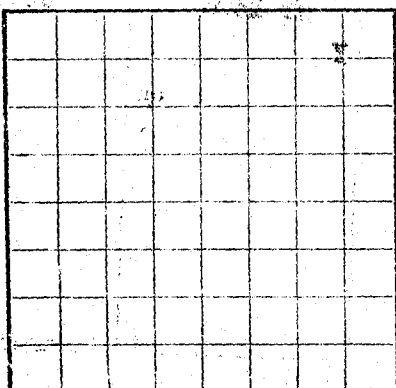
DEC 3 1958

WIDDING AND CEMENTING RECORD

HISTORY OF OIL OR GAS WELL

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

| Casing size | Well depth | Number of cement | Method used | Notes | Remarks |
|---|------------|------------------|---|-------|---------|
| 5-26-58 | DST #1 | 2,328 to 2,371 | tool open 1 hr, SI 30", no blow. Rec: 2' mud, ISIP 0%, PSIP 0%, FFP 0%. | | |
| 6-30-58 | DST #2 | 5,320 to 5,352 | tool open 30", Rec: 3' mud, ISIP (20") 40%, FFP 40%, PSIP 40%. | | |
| 7-3-58 | Core #1 | 5,498 to 5,511 | Out 13' Rec 11'. | | |
| 1' lastn, med brn, slty, argill | | | | | |
| 1' dolo, med brn, slty, argill | | | | | |
| 1' dolo, as above, w/small vuggy porosity w/sulphur odor | | | | | |
| 1' dolo, as above, dense | | | | | |
| 1' lastn, med to drk brn, argill, dense to med Xln | | | | | |
| 1' dolo, as above, dense, argill | | | | | |
| 3' lastn, med brn, argill, fine to med Xln | | | | | |
| 2' lastn, med brn, argill, med Xln | | | | | |
| The entire core had vert frac w/sulphur odor & NS | | | | | |
| 7-4-58 | Core #2 | 5,513 to 5,523 | Out 10' Rec 10'. | | |
| 1' lastn, li brn, mica, micro to crypto Xln, tite, vert frac | | | | | |
| 1' lastn, as above, w/any incl, argill | | | | | |
| 1' lastn, li brn, mica, micro to crypto, tite, some stylitic | | | | | |
| 1' lastn, li brn, med Xln, med, many vert fracs w/some pores, along fracs strong sulf odor. | | | | | |
| 7-5-58 | Core #3 | 5,523 to 5,574 | Out 51' Rec 51'. | | |
| 5' lastn, li brn, med Xln, med, tite, streaks of wh cher | | | | | |
| 1' dense, med drk gry micro crypto Xln, hd, tite | | | | | |
| 1' as above only brn | | | | | |
| 1' lastn, li brn, shly, incl, sucraic, dense | | | | | |
| 6' dolo, li gry-brn, calcareous, w/any incl, sucraic | | | | | |
| 5' lastn, li brn, dense w/any incl, stylitic | | | | | |
| 1' lastn, li brn, hd & dense, fossil imprinted w/bracopod | | | | | |
| 2' lastn, drk gry, dense, hd, tite, argill | | | | | |
| 7' dolo, li brn, med Xln, med, many vert fracs w/some pores, along fracs strong sulf odor. | | | | | |
| 4' lastn, brn, micro crypto Xln, sandy | | | | | |
| 3' lastn, drk brn, hd, tite, dense, NS | | | | | |



DEVELOP OR REPAIR TO PRODUCE

DEVELOP NUMBER

U.S. BUREAU OF MINES

Washing D.C. 20540

November 22, 1961

Monsanto Chemical Company
Lion Oil Company Division
1310 Denver Club Bldg.
Denver 2, Colorado

Attn: J. E. Bucy, Regional Prod. Supt.

Re: Well No. Federal-Hatt11
Sec. 19, T. 23 S., R. 14 E.
Emery County, Utah

Gentlemen:

In reviewing the above mentioned well file, we find there are three different footage locations for said well.

Would you please send us the correct footage location for this well?

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

ANN W. GLINES,
RECORDS CLERK

AWG:kpb

LION OIL COMPANY

A DIVISION OF MONSANTO CHEMICAL COMPANY



PRODUCTION & EXPLORATION
ROCKY MOUNTAIN REGION

1310 DENVER CLUB BLDG.
DENVER 2, COLORADO
PHONE ACOMA 2-5641

November 29, 1961

Oil & Gas Conservation Commission
310 Newhouse Building
10 Exchange Place
Salt Lake City 11, Utah

Well No. 1 Hatt
Section 19, T23S, R14E,
Emery County, Utah

Gentlemen:

We have your inquiry regarding the correct footage location
for the captioned well.

Please be advised that the coordinates are 760 feet from the
south section line and 660 feet from the east section line.
A copy of the plat is enclosed. The distance from the south
line is not very plainly written, but a map scale confirms
the 760 foot figure.

Very truly yours,

LION OIL COMPANY DIVISION
Monsanto Chemical Company

J. E. Bucy
Regional Production Supt.

JEB:JAL:wt

Enclosure